

Heroes of the Storm Queue Watcher

Content

The zip-file should contain the following files:

- HeroesQueueWatcher.jar
- This manual
- A few licenses

How to operate it

Just double click the jar and if you have java installed it should start.

Now you have to enter the path to your Heroes of the Storm Screenshots. This step is really important, because without this information, the tool can't work (more about that in "how it works").

Below the textfield for the path is an informational field with the needed url for your smartphone.

Now enter the displayed URL on your smartphone. It is important, that your smartphone is in the same network as your pc. It won't work with your mobile network.

Start up Heroes of the Storm (if it is not already running).

Now you press the button "Start Monitoring" and the tool starts working.

It is important, that Heroes of the Storm remains the active window, otherwise it won't recognize the print screen button.

How it works

The tool consists of two parts, the server (the jar file) and the client (the webpage).

Starting the server, will open up the needed endpoints to communicate with the client.

After hitting the button "Start Monitoring" on the webpage, the webpage will begin polling the current queue-state from the server once a second.

Upon requesting the queue-state, the server will emulate pressing the "print screen" button and Heroes of the Storm will take a screenshot.

Now the server will pick the newest screenshot (hence the needed path to the screenshots) and compares it to a reference image (the top part of the announcement image of the map).

If the differences are just minor color differences, the webpage will emit an acoustic signal and notifies you that your draft is ready.

License

This program has basically a “Do-What-You-Want-License”, if you remain within the restrictions of the included licenses.

The included Licenses are:

- Spark Framework 2.7.0: APACHE_LICENSE_2.txt
(<http://www.apache.org/licenses/LICENSE-2.0.txt>)
- Spark Framemwork 2.7.0 Copyright SPARK_COPYRIGHT_NOTICE.txt